

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An inkjet printhead comprising:
a monolithic wafer having a droplet ejection side and a liquid supply side;
a plurality of nozzles formed in a planar array parallel to the droplet ejection side;
a plurality of droplet ejection actuators and associated drive circuitry corresponding to each nozzle respectively, the ejection actuators being formed in respective nozzle chambers on the droplet ejection side such that each of the nozzles is in fluid communication with one of the chambers respectively, the chambers being formed between the drive circuitry and the planar array of nozzles; and,
a plurality of liquid passages extending from each of the chambers respectively to the liquid supply side for supply each of the nozzles with liquid; wherein,
each of the liquid passages is formed by a hole extending from the respective chamber, through the drive circuitry and into the monolithic wafer , and a supply passage extending from the liquid supply side partially through the monolithic wafer such that a fluid connection is established with the hole, the supply passage and the chamber being wider than the hole.
2. (Original) An inkjet printhead according to claim 1 wherein the width of the hole is between 8 microns and 24 microns.
3. (Original) An inkjet printhead according to claim 1 wherein the width of the supply passage is between 10 microns and 28 microns.
4. (Original) An inkjet printhead according to claim 1 wherein the droplet ejection actuators are thermal bend actuators.
5. (Original) An inkjet printhead according to claim 1 wherein the droplet ejection actuators are gas bubble generating heater elements.
6. (Cancelled)

7. (Currently Amended) An inkjet printhead according to claim 1 wherein the bubble forming liquid is the same as the ejected liquid.

8. (Original) An inkjet printhead according to claim 1 wherein the printhead is a pagewidth printhead.

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Withdrawn) A method of fabricating inkjet printheads, the printhead comprising a plurality of nozzles, a plurality of liquid passages leading to each nozzle respectively for providing ejectable liquid to the associated the nozzle, drop ejection actuators and associated drive circuitry corresponding to each nozzle respectively, the method comprising the steps of: forming the nozzles, ejection actuators, associated drive circuitry and liquid passage on and through a wafer using lithographically masked etching techniques so that the wafer has a drop ejection side and a liquid supply side; and, forming each of the liquid passages by etching a hole partially through the wafer from the drop ejection side; filling the hole with resist; etching a supply passage from the liquid supply side of the wafer to the resist; and, stripping the resist from the hole; wherein, the width of the supply passage exceeds the width of the hole by an amount that will ensure that a fluid connection is established with the hole, having regard to the tolerances of the etching process.

18. (Withdrawn) A method according to claim 16 wherein the width of the hole is between 8 microns and 24 microns.

19. (Withdrawn) A method according to claim 16 wherein the width of the supply passage is between 10 microns and 28 microns.

20. (Withdrawn) A method according to claim 16 wherein the droplet ejection actuators are thermal bend actuators.

21. (Withdrawn) A method according to claim 16 wherein the droplet ejection actuators are gas bubble generating heater elements.

22. (Withdrawn) A method according to claim 20 further including a plurality of nozzle chambers, each nozzle chamber corresponding to a respective nozzle; wherein, at least one of the gas bubble generating heater elements are disposed in each of the nozzle chambers respectively; such that, a bubble forming liquid can be supplied to the nozzle chamber for thermal contact with at least one of the bubble generating heater elements so that a bubble of the bubble forming liquid generated by one of the heater elements causes a droplet of the ejectable liquid to be ejected from the nozzle.

23. (Withdrawn) A method according to claim 21 wherein the bubble forming liquid is the same as the ejected liquid.

24. (Withdrawn) A method according to claim 16 wherein the printhead is a pagewidth printhead.

25. - 32. (Cancelled)